



COMMONWEALTH OF VIRGINIA
Department of Mines, Minerals and Energy
Division of Mined Land Reclamation

Callahan Creek TDS Wasteload Report 2017-Q1

04-01-2016 to 03-31-2017

Watershed Information

Stressor:	TDS	Watershed Acres:	18,432
Wasteload Allocation:	2,610,000	Watershed Permits:	24
EPA TMDL Approval Date:	6/22/2006	Watershed Outfalls:	103

Watershed Wasteload and Reduction Summary¹

	Pre-TMDL Wasteloads ²	Post-TMDL Wasteloads ³	Total
Wasteload Allocation Available ⁴	2,610,000	0	2,610,000
Wasteload ⁵	3,038,344	68,182	3,106,526
Wasteload Balance	-428,344	-68,182	-496,526
Wasteload Reduction Required ⁶	428,344	68,182	496,526
Percent Reduction Required ⁷	14.1 %	100.0 %	16.0 %

¹ Wasteload units are in kg/year unless otherwise noted.

² Pre-TMDL Wasteloads are calculated from outfalls existing before the EPA's approval of the TMDL.

³ Post-TMDL wasteloads are calculated from outfalls added after the EPA's approval of the TMDL.

⁴ The wasteload allocation available for pre-TMDL outfalls is the approved wasteload allocation for the watershed. The wasteload allocation available for post-TMDL outfalls is any remaining balance not used by pre-TMDL outfalls.

⁵ Wasteloads are calculated on a quarterly basis using reported monitoring data, which includes samples taken when an alternate effluent limitation (AEL) precipitation event is utilized.

⁶ In order to meet the wasteload allocation, all negative wasteload balance (i.e. the amount of wasteload exceeding the wasteload allocation) must be reduced.

⁷ The percent reduction required is used to assign wasteload reductions to permits when the watershed's wasteload exceeds the available wasteload allocation.

Permit Wasteload and Reduction Summary⁸

Permit Number	Pre-TMDL Wasteload ⁹	Pre-TMDL Reduction Required ¹⁰	Post-TMDL Wasteload ¹¹	Post-TMDL Reduction Required ¹²	Total Wasteload	Total Wasteload Reduction Required
1101917	0	0	0	0	0	0
1101914	1,712,964	241,493	0	0	1,712,964	241,493
1101916	2,279	321	0	0	2,279	321
1102003	0	0	38,150	38,150	38,150	38,150
1102022	0	0	4,642	4,642	4,642	4,642
1302035	0	0	0	0	0	0
1102052	114,472	16,138	0	0	114,472	16,138
1102051	0	0	0	0	0	0
1602115	239,317	33,739	0	0	239,317	33,739
1202112	70,115	9,885	0	0	70,115	9,885
1202143	0	0	0	0	0	0
1502140	158,355	22,325	0	0	158,355	22,325
1202145	0	0	0	0	0	0
1202147	0	0	0	0	0	0
1102142	0	0	0	0	0	0
1202148	35,414	4,993	0	0	35,414	4,993
1302156	481,403	67,868	0	0	481,403	67,868
1202162	16,504	2,327	0	0	16,504	2,327
1202200	165,338	23,309	0	0	165,338	23,309
1602207	24,128	3,402	0	0	24,128	3,402
1202209	0	0	0	0	0	0
1202211	12,572	1,772	0	0	12,572	1,772
1102210	0	0	0	0	0	0
1102213	5,484	773	25,389	25,389	30,873	26,162
Total	3,038,344	428,344	68,182	68,182	3,106,526	496,526

⁸ Wasteload units are in kg/year unless otherwise noted.

⁹ The wasteload calculated from outfalls existing before the EPA's approval of the TMDL.

¹⁰ Pre-TMDL reduction calculated by multiplying the pre-TMDL wasteload by the watershed's pre-TMDL percent reduction required.

¹¹ The wasteload

¹² Post-TMDL reduction calculated by multiplying the post-TMDL wasteload by the watershed's post-TMDL percent reduction required.